

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	533527	coil same contact same arc\$3 clos\$3 same open\$3 same driv\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 10:31
L2	172152	coil same contact same arc\$3 clos\$3 same open\$3 same driv\$3 same (prevent\$3 inhibit\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 10:32
L3	21275	coil same contact same arc\$3 clos\$3 same open\$3 same (prevent\$3 inhibit\$3) near3 current near3 driv\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 10:33
L5	1124	coil same contact same arc\$3 same (clos\$3 open\$3) same (prevent\$3 inhibit\$3) same current same driv\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 10:35
L6	45	coil same contact same arc\$3 same (clos\$3 open\$3) same (prevent\$3 inhibit\$3) near5 current near5 (driv\$3 transistor switch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 10:35
L7	9202	relay same contact same arc\$3 same (deenergized deenergizat\$3 de-energized de-energizat\$3 deenergised deenergisat\$3 de-energised de-energisat\$3 clos\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:05
L8	761	relay same contact same arc\$3 same (deenergized deenergizat\$3 de-energized de-energizat\$3 deenergised deenergisat\$3 de-energised de-energisat\$3 clos\$3) same current near3 (driver transistor switch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:06

## EAST Search History

L9	870	relay same contact same arc\$3 same (deenergized deenergizat\$3 de-energized de-energizat\$3 deenergised deenergizat\$3 de-energised de-energizat\$3 clos\$3) same current near3 (driver transistor switch\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:07
L11	56	relay same contact same arc\$3 same (deenergized deenergizat\$3 de-energized de-energizat\$3 deenergised deenergizat\$3 de-energised de-energizat\$3 clos\$3) same current near5 (driver transistor switch\$3) near5 (prevent\$3 inhibit\$3 avoid\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:12
L12	38	11 not 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:14
L13	56	relay same contact same arc\$3 same (energized energizat\$3 energised energizat\$3 clos\$3) same current near5 (driver transistor switch\$3) near5 (prevent\$3 inhibit\$3 avoid\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:52
L14	38	13 not 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:14

## EAST Search History

L15	287	<p>relay same contact same arc\$3  same (energized energizat\$3  energised energisat\$3 clos\$3) same  current near5 (driver transistor  switch\$3) near5 (prevent\$3  anticipat\$3 arrest\$3 avert\$3 avoid\$3  baffl\$3 balk\$3 bar\$3 block\$3  forbid\$4 fend\$3 halt\$3 hamper\$3  hinder\$3 (hold\$3 adj (back off))  imped\$3 inhibit\$3 intercept\$3  interdict\$3 interrupt\$3 limit\$3  obstruct\$3 obviat\$3 preclud\$3  prohibit\$3 repress\$3 restrain\$3  restrict\$3 (rul\$3 adj out) (shut\$4  adj out) (stav\$3 adj off) stop\$4  thwart\$3 (turn\$3 adj aside) (ward\$3  adj off))</p>	<p>US-PGPUB;  USPAT;  USOCR;  FPRS;  EPO; JPO;  DERWENT;  IBM_TDB</p>	OR	ON	2007/08/28 12:00
L16	296	<p>relay same contact same arc\$3  same (energized energizat\$3  energised energisat\$3 clos\$3) same  current near5 (driver transistor  switch\$3) near5 (prevent\$3  anticipat\$3 arrest\$3 avert\$3 avoid\$3  baffl\$3 balk\$3 bar\$3 block\$3  forbid\$4 fend\$3 halt\$3 hamper\$3  hinder\$3 (hold\$3 adj (back off))  imped\$3 inhibit\$3 intercept\$3  interdict\$3 interrupt\$3 limit\$3  obstruct\$3 obviat\$3 preclud\$3  prohibit\$3 repress\$3 restrain\$3  restrict\$3 (rul\$3 adj out) (shut\$4  adj out) (stav\$3 adj off) stop\$4  thwart\$3 (turn\$3 adj aside) (ward\$3  adj off) eliminat\$3)</p>	<p>US-PGPUB;  USPAT;  USOCR;  FPRS;  EPO; JPO;  DERWENT;  IBM_TDB</p>	OR	ON	2007/08/28 12:08
L17	240	16 not 14 not 6	<p>US-PGPUB;  USPAT;  USOCR;  FPRS;  EPO; JPO;  DERWENT;  IBM_TDB</p>	OR	ON	2007/08/28 12:03

## EAST Search History

L18	122	relay same contact same arc\$3 same (energized energizat\$3 energised energisat\$3 clos\$3) same current near3 (driver transistor switch\$3) near3 (prevent\$3 anticipat\$3 arrest\$3 avert\$3 avoid\$3 baffl\$3 balk\$3 bar\$3 block\$3 forbid\$4 forfend\$3 halt\$3 hamper\$3 hinder\$3 (hold\$3 adj (back off)) imped\$3 inhibit\$3 intercept\$3 interdict\$3 interrupt\$3 limit\$3 obstruct\$3 obviat\$3 preclud\$3 prohibit\$3 repress\$3 restrain\$3 restrict\$3 (rul\$3 adj out) (shut\$4 adj out) (stav\$3 adj off) stop\$4 thwart\$3 (turn\$3 adj aside) (ward\$3 adj off) eliminat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:10
L19	74	relay same contact same arc\$3 same (energized energizat\$3 energised energisat\$3 clos\$3) near10 current near3 (driver transistor switch\$3) near3 (prevent\$3 anticipat\$3 arrest\$3 avert\$3 avoid\$3 baffl\$3 balk\$3 bar\$3 block\$3 forbid\$4 forfend\$3 halt\$3 hamper\$3 hinder\$3 (hold\$3 adj (back off)) imped\$3 inhibit\$3 intercept\$3 interdict\$3 interrupt\$3 limit\$3 obstruct\$3 obviat\$3 preclud\$3 prohibit\$3 repress\$3 restrain\$3 restrict\$3 (rul\$3 adj out) (shut\$4 adj out) (stav\$3 adj off) stop\$4 thwart\$3 (turn\$3 adj aside) (ward\$3 adj off) eliminat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:14
L20	12262	(energized energizat\$3 energised energisat\$3 clos\$3) near10 current near10 (driver transistor switch\$3) near10 (prevent\$3 anticipat\$3 arrest\$3 avert\$3 avoid\$3 baffl\$3 balk\$3 bar\$3 block\$3 forbid\$4 forfend\$3 halt\$3 hamper\$3 hinder\$3 (hold\$3 adj (back off)) imped\$3 inhibit\$3 intercept\$3 interdict\$3 interrupt\$3 limit\$3 obstruct\$3 obviat\$3 preclud\$3 prohibit\$3 repress\$3 restrain\$3 restrict\$3 (rul\$3 adj out) (shut\$4 adj out) (stav\$3 adj off) stop\$4 thwart\$3 (turn\$3 adj aside) (ward\$3 adj off) eliminat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:22

## EAST Search History

L21	52832	(prevent\$3 anticipat\$3 arrest\$3 avert\$3 avoid\$3 baffl\$3 balk\$3 bar\$3 block\$3 forbid\$4 forfend\$3 halt\$3 hamper\$3 hinder\$3 (hold\$3 adj (back off)) imped\$3 inhibit\$3 intercept\$3 interdict\$3 interrupt\$3 limit\$3 obstruct\$3 obviat\$3 preclud\$3 prohibit\$3 repress\$3 restrain\$3 restrict\$3 (rul\$3 adj out) (shut\$4 adj out) (stav\$3 adj off) stop\$4 thwart\$3 (turn\$3 adj aside) (ward\$3 adj off) eliminat\$3) near2 arc\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:19
L22	565	20 and 21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:23
L23	9400	(energized energizat\$3 energised energisat\$3 clos\$3) near8 current near8 (driver transistor switch\$3) near8 (prevent\$3 anticipat\$3 arrest\$3 avert\$3 avoid\$3 baffl\$3 balk\$3 bar\$3 block\$3 forbid\$4 forfend\$3 halt\$3 hamper\$3 hinder\$3 (hold\$3 adj (back off)) imped\$3 inhibit\$3 intercept\$3 interdict\$3 interrupt\$3 limit\$3 obstruct\$3 obviat\$3 preclud\$3 prohibit\$3 repress\$3 restrain\$3 restrict\$3 (rul\$3 adj out) (shut\$4 adj out) (stav\$3 adj off) stop\$4 thwart\$3 (turn\$3 adj aside) (ward\$3 adj off) eliminat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:23
L24	565	22 and 21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:23

## EAST Search History

L25	4326	(energized energizat\$3 energised energisat\$3 clos\$3) near5 current near5 (driver transistor switch\$3) near5 (prevent\$3 anticipat\$3 arrest\$3 avert\$3 avoid\$3 baffl\$3 balk\$3 bar\$3 block\$3 forbid\$4 forfend\$3 halt\$3 hamper\$3 hinder\$3 (hold\$3 adj (back off)) imped\$3 inhibit\$3 intercept\$3 interdict\$3 interrupt\$3 limit\$3 obstruct\$3 obviat\$3 preclud\$3 prohibit\$3 repress\$3 restrain\$3 restrict\$3 (rul\$3 adj out) (shut\$4 adj out) (stav\$3 adj off) stop\$4 thwart\$3 (turn\$3 adj aside) (ward\$3 adj off) eliminat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:23
L26	224	25 and 21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:26
L27	26900	coil near3 (deenergiz\$3 (de adj energiz\$3)deenergisz\$3 (de adj energisz\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:21
L28	758	21 and 27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:20
L29	173	coil near3 (deenergiz\$3 (de adj energiz\$3)deenergisz\$3 (de adj energisz\$3)) same (prevent\$3 anticipat\$3 arrest\$3 avert\$3 avoid\$3 baffl\$3 balk\$3 bar\$3 block\$3 forbid\$4 forfend\$3 halt\$3 hamper\$3 hinder\$3 (hold\$3 adj (back off)) imped\$3 inhibit\$3 intercept\$3 interdict\$3 interrupt\$3 limit\$3 obstruct\$3 obviat\$3 preclud\$3 prohibit\$3 repress\$3 restrain\$3 restrict\$3 (rul\$3 adj out) (shut\$4 adj out) (stav\$3 adj off) stop\$4 thwart\$3 (turn\$3 adj aside) (ward\$3 adj off) eliminat\$3) near2 arc\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:24

## EAST Search History

L30	3	coil near3 (deenergiz\$3 (de adj energiz\$3)deenergisz\$3 (de adj energisz\$3)) near5 (prevent\$3 anticipat\$3 arrest\$3 avert\$3 avoid\$3 baffl\$3 balk\$3 bar\$3 block\$3 forbid\$4 forbend\$3 halt\$3 hamper\$3 hinder\$3 (hold\$3 adj (back off)) imped\$3 inhibit\$3 intercept\$3 interdict\$3 interrupt\$3 limit\$3 obstruct\$3 obviat\$3 preclud\$3 prohibit\$3 repress\$3 restrain\$3 restrict\$3 (rul\$3 adj out) (shut\$4 adj out) (stav\$3 adj off) stop\$4 thwart\$3 (turn\$3 adj aside) (ward\$3 adj off) eliminat\$3) near2 arc\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:24
L31	3	coil near3 (deenergiz\$3 (de adj energiz\$3) deenergisz\$3 (de adj energisz\$3)) near5 (prevent\$3 anticipat\$3 arrest\$3 avert\$3 avoid\$3 baffl\$3 balk\$3 bar\$3 block\$3 forbid\$4 forbend\$3 halt\$3 hamper\$3 hinder\$3 (hold\$3 adj (back off)) imped\$3 inhibit\$3 intercept\$3 interdict\$3 interrupt\$3 limit\$3 obstruct\$3 obviat\$3 preclud\$3 prohibit\$3 repress\$3 restrain\$3 restrict\$3 (rul\$3 adj out) (shut\$4 adj out) (stav\$3 adj off) stop\$4 thwart\$3 (turn\$3 adj aside) (ward\$3 adj off) eliminat\$3) near2 arc\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:26
L32	13	coil near3 (deenergiz\$3 (de adj energiz\$3) deenergisz\$3 (de adj energisz\$3)) with (prevent\$3 anticipat\$3 arrest\$3 avert\$3 avoid\$3 baffl\$3 balk\$3 bar\$3 block\$3 forbid\$4 forbend\$3 halt\$3 hamper\$3 hinder\$3 (hold\$3 adj (back off)) imped\$3 inhibit\$3 intercept\$3 interdict\$3 interrupt\$3 limit\$3 obstruct\$3 obviat\$3 preclud\$3 prohibit\$3 repress\$3 restrain\$3 restrict\$3 (rul\$3 adj out) (shut\$4 adj out) (stav\$3 adj off) stop\$4 thwart\$3 (turn\$3 adj aside) (ward\$3 adj off) eliminat\$3) near2 arc\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:56
L33	9	("4959746" "6863789" "3437189"). pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 14:02

## EAST Search History

L34	9	("4959746" "6863789" "3437188"). pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 14:02
L35	449	361/2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 14:21



## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L36	2	(arc\$3 same contact same (deenergizat\$3 de-energizat\$3)).clm.	US-PGPUB	OR	ON	2007/08/28 14:50
L39	3	(arc\$3 same contact same voltage same reference).clm.	US-PGPUB	OR	ON	2007/08/28 14:52
L40	0	(arc\$3 same contact same zener same reference).clm.	US-PGPUB	OR	ON	2007/08/28 14:52